

TABLE 2

State government expenditures for R&D and R&D plant, by state and performer: FY 2020

(Dollars)

State	All R&D expenditures ^a	Intramural performers ^b	Extramural performers ^c				R&D plant
			Total	Academic institutions	Companies and individuals ^d	Other ^e	
United States ^f	2,444,981,212	692,719,374	1,752,261,838	951,571,893	459,984,365	340,705,580	9,786,932
Alabama	25,695,555	13,704,571	11,990,984	4,956,721	13,600	7,020,663	0
Alaska	15,193,507	10,745,451	4,448,056	1,340,349	3,107,707	0	0
Arizona	16,010,502	1,562,435	14,448,067	7,224,814	813,783	6,409,470	0
Arkansas	19,921,168	189,018	19,732,150	19,328,641	398,009	5,500	0
California	533,900,597	81,087,677	452,812,920	143,835,743	209,309,516	99,667,661	0
Colorado	34,365,638	12,047,699	22,317,939	8,619,433	12,006,033	1,692,473	0
Connecticut	58,810,853	25,868,030	32,942,823	7,272,360	24,070,158	1,600,305	0
Delaware	3,598,156	2,312,965	1,285,191	859,673	374,718	50,800	0
District of Columbia	5,860,668	2,510,818	3,349,850	1,015,794	2,134,056	200,000	0
Florida	184,600,202	52,430,371	132,169,831	72,664,126	3,549,778	55,955,927	5,209,705
Georgia	15,877,238	2,648,196	13,229,042	5,813,168	3,887,493	3,528,381	0
Hawaii	11,122,545	6,531,042	4,591,503	1,238,450	3,263,143	89,910	0
Idaho	21,882,976	7,967,885	13,915,091	9,416,047	283,302	4,215,742	5,000
Illinois	16,055,917	626,262	15,429,655	10,844,423	254,784	4,330,448	0
Indiana	9,591,408	92,268	9,499,140	8,505,448	100,000	893,692	0
Iowa	12,348,062	3,430,444	8,917,618	8,383,653	519,554	14,411	0
Kansas	13,152,904	999,734	12,153,170	10,382,216	0	1,770,954	0
Kentucky	26,782,125	1,752,643	25,029,482	23,155,605	1,636,871	237,006	0
Louisiana	32,360,516	11,101,353	21,259,163	18,797,267	2,249,822	212,074	150,000
Maine	29,035,990	4,038,999	24,996,991	693,082	15,476,463	8,827,446	0
Maryland	33,407,022	659,436	32,747,586	29,720,355	2,000,399	1,026,832	0
Massachusetts	31,700,411	9,681,990	22,018,421	12,797,171	7,736,552	1,484,698	0
Michigan	11,191,816	527,096	10,664,720	5,687,599	1,125,114	3,852,007	0
Minnesota	20,511,698	2,583,398	17,928,300	11,890,847	3,160,956	2,876,497	0
Mississippi	10,268,396	1,236,050	9,032,346	4,803,101	832,974	3,396,271	0
Missouri	14,826,364	8,112,983	6,713,381	5,121,461	1,331,474	260,446	0
Montana	13,131,022	6,104,413	7,026,609	5,798,378	300,381	927,850	0
Nebraska	32,423,818	2,342,783	30,081,035	27,924,739	1,287,704	868,592	0
Nevada	4,764,898	188,146	4,576,752	3,484,810	163,044	928,898	0
New Hampshire	8,221,518	49,309	8,172,209	604,163	7,042,440	525,606	0
New Jersey	23,754,925	2,624,342	21,130,583	18,717,366	1,393,217	1,020,000	0
New Mexico	5,227,599	2,594,660	2,632,939	1,891,660	741,279	0	0
New York	453,807,331	278,751,443	175,055,888	136,921,163	14,666,556	23,468,169	640,000
North Carolina	35,892,185	17,813,294	18,078,891	16,274,791	591,263	1,212,837	1,000,000
North Dakota	18,065,251	346,342	17,718,909	9,635,162	7,041,396	1,042,351	0
Ohio	76,169,661	2,005,523	74,164,138	13,019,832	59,204,085	1,940,221	0
Oklahoma	30,050,338	2,015,986	28,034,352	23,164,214	4,725,430	144,708	243,500
Oregon	30,486,113	15,852,036	14,634,077	8,242,868	5,432,004	959,205	700,000
Pennsylvania	103,098,941	7,874,722	95,224,219	49,572,795	10,787,775	34,863,649	0
Rhode Island	4,594,040	3,098,833	1,495,207	453,781	765,104	276,322	46,478
South Carolina	46,800,816	27,894,342	18,906,474	3,882,230	415,414	14,608,830	450
South Dakota	2,913,274	327,346	2,585,928	1,701,100	599,828	285,000	0
Tennessee	7,039,923	1,607,509	5,432,414	4,574,469	203,125	654,820	0
Texas	205,206,977	3,165,023	202,041,954	142,333,450	29,339,059	30,369,445	0
Utah	9,205,399	6,070,743	3,134,656	2,334,907	799,749	0	4,900
Vermont	1,669,900	633,399	1,036,501	658,425	286,478	91,598	0

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(Dollars)

State	All R&D expenditures ^a	Intramural performers ^b	Extramural performers ^c				R&D plant
			Total	Academic institutions	Companies and individuals ^d	Other ^e	
Virginia	35,552,565	12,627,565	22,925,000	16,656,350	3,646,989	2,621,661	1,190,001
Washington	57,239,095	23,415,061	33,824,034	18,119,799	3,934,366	11,769,869	596,898
West Virginia	10,862,315	3,317,637	7,544,678	7,465,577	77,744	1,357	0
Wisconsin	14,340,014	4,674,607	9,665,407	2,868,505	4,440,854	2,356,048	0
Wyoming	6,391,060	2,875,496	3,515,564	903,812	2,462,822	148,930	0

^a State R&D expenditures do not include R&D plant.^b Intramural performers include a department's or agency's own employees who perform R&D and services performed by others in support of an internal R&D project.^c Extramural performers are those outside the department or agency who perform R&D.^d Companies and individuals include individuals under contract for research projects.^e Other includes federal government; nonprofit organizations; city, county, regional, or other local governments; and other state governments.^f U.S. total reflects all 50 states and the District of Columbia.**Source(s):**

National Center for Science and Engineering Statistics, Survey of State Government Research and Development, FY 2020.